

# ANCHORAGE AMATEUR RADIO CLUB NEWS

JUNE 3, 1972

VOL. I, NO. 5

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## -OFFICERS-

President -----	Kenneth Koestler -----	KL7BZO
Vice-President -----	Jimmie Tvrdy -----	KL7CDG
Secretary -----	Elizabeth Tvrdy -----	KL7CDG/xyl
Treasurer -----	Fred Healy -----	KL7AZH
Activities Manager -----	Wilse Morgan -----	W6PVF/KL7
Directors -----	Beth Clark -----	KL7HEJ
	Palmer Forsmoe -----	KL7APV
	Charles Wayer -----	KL7HG
	(KL7AA Custodian)	



## ACTIVITIES

By: Wilse Morgan, W6PVE/KL7

I am sitting here composing this material at 33,000 feet on a trip to the "lower 48" via Northwest Airlines. The plane left at 0000. That is a fine time to go anywhere.

As most of you know by now, KL7BZO and KL7FSF challenged me to see who would get their extra class license first. At that time (3 weeks ago) I only held a conditional license. I slipped down down to FCC the other day and took my 13 WPM code test general and advanced text. Now they are starting to sweat a little. I thought I would be ready for the 20 WPM text when I came back last week from a TDY to Indian Mt. The radar interference was so bad there at night that I couldn't use the cassette player that I had with me. So it looks like they got a reprieve for awhile.

\*\*\*\*\*

FROM NEIL ZIMMERMAN - (We're late Neil  
Very sorry).

Would like to take this time to thank all the excellent cooperation we had in setting up the Flea Market. There was a time during the morning when I almost hit the panic button when one of the only two outlets failed to let the electrons come out. Special Thanks to KL7EKB for bringing the generator along to give us the power needed to operate all the electronic gadgets. I'll never figure out where all the extension cords came from as I clean forgot about the need of them. Never thought we'd have so much stuff coming on for the swap, it's already planned to find a bigger place next year (sports arena) also have an open swap-fest at the close of Field Day. Again, many thanks to all the help. However before you get to relaxed we have the Boat Show display.

\*\*\*\*\*

## FIELD DAY PICNIC

Sunday June 25, 1972 FIELD DAY PICNIC

The club is furnishing Hot Dogs, Chili Dogs Buns with trimmings; Potato salad, cole slaw, baked beans, soda pop and coffee. We are also furnishing paper plates, cups and plastic utensils.

If you wish to bring another type salad or dessert it will be accepted. We recommend desserts be cake, cupcakes, cookies or brownies.

Entertainment (games, etc.) depends upon what you bring with you.

-----  
*The most difficult meal for the average housewife to get - is dinner out.*

\*\*\*\*\*

## BUNNY HUNT

I was happy to award the \$600 2 meter transceiver to Dan, KL7HTW, he was the only hunter who found the Bunny, KL7HFM. The rest of us had alot of excuses, but that's all. By the way, guess who had just sent \$250 to the "lower 48" for a 2 meter transceiver. If you give up, I'll tell you - Dan, KL7HFW. It looks like maybe he will have a rig for sale.

CONTRATULATIONS - DAN

See picture on Page 3

\*\*\*\*\*

Team Electronics has a large selection of antennas in stock.

CB and marine antennas from Antennas Specialists. TV & Radio antennas from Jerrold and JFD. All types of mast sections from Rohn and fittings from Amphenol. For all your antenna needs shop and save at -----

TEAM ELECTRONICS, 404 E. Fireweed - 277-6522



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## WHITE ELEPHANT SALE

A White Elephant Sale will be held at the Field Day site. All types of White Elephants are acceptable, (except boat anchors). The Committee heads to see for this are Bob Brown and Palmer Forsmoe. For all items which don't sell during the two day weekend, an auction will be held at the picnic.



DEE'S BEAUTY SHOP  
411 "D" Street

1. Complete hair care
2. Complete wig care
3. Manicures
4. HOME OF THE FIVE MINUTE HAIR DRYER.

279-7023

A Recipe - Strawberries again, but it's DELICIOUS

Contributed by Eve Moller

## MILE HIGH STRAWBERRY PIE

- 1 pkg. (20 oz.) frozen strawberries
- 1 Cup Sugar      2 Egg Whites beaten
- 1 Tbp Lemon Juice
- 1/8 tsp salt      1/2 pt whipping cream
- 1 tsp vanilla

Place defrosted strawberries, sugar and egg whites and lemon juice and salt in large bowl. Beat at medium speed for 15 minutes. Mixture will be stiff and hold its shape. Whip cream and add vanilla. Fold into strawberry mixture. Pour lightly into baked pie shell and freeze overnight. Garnish with whipping cream.

## HOSPITALITY COMMITTEE

The Hospitality Committee has been slow starting, but we do have some volunteers, we need a couple more and then will give it a good run.

## SUMMER VACATION

The Last club meeting of the summer will be held on Saturday, June 24, 2:00 p.m. at Russian Jack Springs - the next club meeting for general business will be September 1, 1972.

## THE RARE DX SET

By Larry Juhnke, WL7HJR

## 75 WATTERS

Novice activities over the past month have been busy-busy-busy. Much study, much frustration and many surprises were in store. Many locals have moved from the Novice ranks into the higher grades of achievement. Sorry to say I'm not among the select few yet, but never fear - practice makes perfect.

The Movices will have much to look forward to though, because I understand that more code practice sessions on the air are scheduled, plus more FREE classes. Be sure to take advantage of these.

This Movice and family will be on vacation for six weeks so will meet many contacted hams in the South 48. Look for my next column in August as I'll be inactive during my vacation.

73's DE WL7HJR



A & W DRIVE INN - 3047 Mt. View Drive  
272-5960      HOME OF A & W ROOT BEER





Rev. and Mrs. Capener have opened 6 mission stations in Alaska.

Kaktovik  
Barrow  
Wainwright  
Point Hope  
Nome  
St. Paul Island

KL7EGE

Furlough address:

2106 E. Washington Ave.  
Madison, Wis. 53704

# POTLUCK SOCIAL

The ladies came through again. The dinner we had on the 19th was a huge success. We all went home 4 lbs heavier then when we came. FIELD DAY we discussed at the social. Dell, KL7EKB will head up the Field Day Outing. If you were planning on helping with this project, please let Dell know right away. I would like to thank Dell for taking this activity over for me since I have a prior commitment (fishing trip for King Salmon on the Deska River) on Field Day.

# FROM THE QSL BUREAU

Sandy and I are going to Colorado and the West coast leaving here May 18. The QSL Bureau will be mailed May 17. The next mailing after the 17th will be the last of August.

Hope everyone has a wonderful summer and keep cold for us cause us & the rattlesnakes will really be suffering in the heat. Will be on 14292 so listen for us.

73's Mary, KL7BJD



Our pictures is Activities Manager, Wilse Morgan awarding the "BUNNY" to the winner of the "Bunny Hunt"





Our Letterhead is from Ray Davies addressed to KL7FLU, Faye Johnstone. A quote in the letter reads "I hope you appreciate the paper -- Back in the thirties I did radio work on the side and this is one of the props I used to convince the people that I was THE SERVICE MAN to call. ----- the heading on this is about 40 years old. Puts in some kind of status. I have a few sheets left and wonder if any one else has any."

#####

MORE RARE SET By WL7HJR

Since the change in weather (hi) many working Novices are curtailing activities on the sets, resulting in fewer contacts during the month of May.

Older heads inform me that the bands tend to open later. Presently hamming is QRT in favor of fishing, potlucks, picknicking, camping and plain old --- --- ---! We Alaskans have to get that done or we can't enjoy the ham shacks come winter.

Hear the local Ham Club is figuring on several activities on Field Day for one and all. Better join up and enjoy the festivities.

Received a QSL card from a Novice in California who informs me the RARE DX made "73 Magazine" - June issue. TNX.

The Director of Mars, (AF) Mr. Neil Zimmerman is still looking for a volunteer to run the MARS Novice Net, preferably a General who likes code.

RPT --- rpt By: Fred Wegmer  
KL7KFM

With the fishing season fast approaching, many of us are fast losing interest in Ham Radio, but let's not let it slip too far, how about keeping logs of the good fishing areas where the Repeater can be worked. And don't forget the Fairbanks repeater. Speaking of that fair city; please everyone who uses the GNG/USA link keep detailed logs whenever important traffic is passed. Sometime in the future we will ask for log excerpts concerning traffic, this will help us to compile justification to establish a permanent circuit.

We have some technical information this month, and are extremely grateful to Bill (J-pole) Watson, KL7CKV for his fine work on the two articles.

Beau, WB5CPY, is doing some fine work on touch tone decoding and logic control circuits. He is sponsored by EARS of the North and ably assisted by KL7FSF, Neil Zimmerman; KL7HFC, Dave; Jaan Tammereau and Ron Swider.

73's THE HAPPY FAT MAN

\*\*\*\*\*

Any takers?

Am heading for the South 48 in search of sunshine - CU when I return - SK.

73's



80-40-20 SSB & CW Transceiver  
 GALAXY III --- \$100.00  
 DC Supply --- 50.00  
 or both \$140.00

Neil Zimmerman, KL7FSF 277-0273

rpt . . . PUBLIC SERVICE

By: W6PWF, Wilse Morgan

I had an excellent chance to use our repeater system for public service on the 7th of May. On the way to the Bunny River QTH I saw a spectacular accident out by Huffman Road on the Seward Highway. I put out a Mayday call and KL7HFM picked it up right at the repeater location, KL7USA. He had the state traffic officer and firetruck there before I could hang up the mike.

KL7USA + KL7GNG

On Monday the 15th, I was privileged to make one of the first contacts through our new Anchorage-Fairbanks repeater link. My thanks go out to Fred, KL7HFM and Tom, KL7GNG for all the many hours of work they have put into our new system.

Last week I was TDY up to Indian Mt. which is northwest of Fairbanks on the Arctic Circle. I called Tom at Pedro Dome and he patched me into both repeater systems and it worked very well. This shows the versatility of our new system in case an emergency of some sort should arise.

\*\*\*\*\*

# YUKON RADIO SUPPLY

RCA Mobile  
 E.F. Johnson  
 SBE

Communications  
 Parts  
 Accessories

3222 Commercial Drive  
 277-1497 - 1498

## FIELD DAY ACTIVITIES

Field Day activities will begin the morning of Saturday, June 24 at Russian Jack Springs (near the corners of Boniface Road and DeBarr Road).

### Field Day Committees are:

Antennas: KL7ERR, Bill Woosley  
 344-8092  
 General Set-up: KL7EKB, Dell Wolfington  
 344-3187  
 Novice Set-up: K7TPN, Dick Phelps  
 WL7HCL, John Meyers  
 TPN's No: 279-8425  
 HCL's No: 277-0381

### White Elephant Sale:

KL7APV, Palmer Forsmoe  
 277-3137  
 W0YHI, Bob Brown  
 274-5467

Food: Alice Woosley (xyl of KL7ERR) 344-8092

ALL VOLUNTEER HELP SHOULD CONTACT THE COMMITTEE HEADS - ESPECIALLY OPERATORS

\*\*\*\*\*

### Directory of Membership

The summer project for the paper is a Directory of Members - Also will be working on publishing some sort of History WE NEED A CLUB HISTORIAN - Any volunteers. A couple more surprises in store and a revamp of the paper - so will be busy, busy, getting ready for the Fall club reactivation. Understand our President, Ken Koestler, KL7BZO has some ideas for FUN summer activities - !

\*\*\*\*\*

*A Whisper is one way to make people believe what they otherwise wouldn't.*

Contributed by: Bob Brown, W0YHI



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## A POEM

Contributed by: KL7FLU, Faye Johnstone

A poem from the 1927 files - Wedding vows written by Aggie Dalton, who came north with the gold-rush to teach school - with no minister available, the couple wrote their vows and had French Pete perform the ceremony!

Ten miles from the Yukon on the banks of this lake.

A partner from the Koyokuk, Frank McGinnis, I take.

We have no preacher and we have no ring,  
It makes no difference - it's all the same-  
thing.

Signed: Aggie Dalton

I swear by my gee pole under this tree,  
That a good and true husband to Aggie I'll be;  
To love and protect this maiden so frail,  
From the Sourdough stiffs on the Koyokuk  
Trail.

Signed: Frank McGinnis

For two dollar' price in Cheechako money,  
I join these two in matrimony,  
He being a miner and she a school teacher,  
I'll do the job as good as a preacher -

Signed: French Pete

\*\*\*\*\*

For Sales Yaesu Musen, never used.  
FRDX 400, FLDX 400, Split station  
with Speaker & Desk Mike \$500.

John L. Jenkins - 333-1302  
5901 E. 6th Ave. Sp 210  
Anchorage, Alaska 99504

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From the HAM RAG February 1972  
Received from Chuck Fortier, KL7HEI

EDITORS NOTE: "This is FM Country"  
is published by --- on an irregular  
basis and will continue with support.

We have rpt - but could use more FM info  
and thank heaven - we're regular.

## CAMPING

All Club members who possess Camping equipment of any sort and who would like to join in a camping expedition this Summer, please contact the President, Kenneth Koestler, KL7BZO 279-4803, or Activities Manager, Wilse Morgan, W6PVF/KL7, 344-1257.

-----  
TREASURY - our treasury contained  
\$845.17 as of June 2, 1972.  
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### Anchorage Amateur Radio Club Board of Directors Meeting

The Board of Director's meeting was held at Kenneth Koestler's home, May 4, 1972 at 8:00 p.m.

The minutes were read and approved. The Treasurer's report was given.

Old Business: Walk for Hope, Mobiles will be needed. Taxi service for Hope officials. Social Evening, All business to be held until end of meeting. Name tags to be used. Wilse Morgan is to introduce special guests. Introduce all guests and visitors. Members are to circulate among the new people.

Bunny Hunt, the money was voted to pay for the prize for the hunt. \$205. All future hunts will be \$6 and club members will receive a 50% discount.

By-laws The committee will meet the following Thursday at Jimmie Tvrdy's home. Jimmie Tvrdy is authorized to purchase a hole punch for the club.

New Business: Peggy Wolfington is to be asked to run address labels for E. Tvrdy and E. Moller.

Meeting adjourned at 10 p.m.

Respectfully submitted: Elizabeth Tvrdy  
Secretary



\*\*\*\*\*

## FM Modulator for an AM rig.

Well, get those AM right on FM. Is it possible? Yes! This makes into a good printed circuit and the prototype was 2 inches by about 3/4 inches. The final one will only be about 1-1/2 inches long, so it won't stick out too far.

It seems that all of the Comm III's don't act alike. However, no real problem in getting it to work.

Looking at the circuit, the HEP802 will be used for high input. The 1uf, 1.5uf and the 2.2uf might be hard to get but don't let that bother you, use the next value higher or lower. This will affect the deviation if your mike delivers ample voltage you can reduce the coupling cap. Likewise if your gain is low and insufficient deviation increase the coupling caps.

It is important that a zener diode of 9.1 volts be used as this will hold the bias at a constant voltage. The 150K and 470K resistor supplies the bias for the varicap MV2101. Other varicaps will work, but you will have to adjust these for the correct swing of the capacity which in turn controls the deviation.

Some of these sets that I have worked on have good high activity crystals and others do not. This will also make a difference in the deviation. If the frequency is too high remove the 15 pf in the output and use just the variable and put one side to ground and connect a wire straight from the crystal to the output and the cap to ground.

I will have printed circuit boards made up by the 10th of May. If you have any trouble, just get in touch with me and I am sure that we can get it straightened out.

By: Bill Watson, KL7CKV

## RF PREAMP

The RF Preamp is used to increase the sensitivity of any 2 meter receiver. The N channel dual insulated gate MOS FET transistor will give up to 18 DB of gain when properly tuned. CAUTION keep a small wire wrapped around the leads of the FET until it is soldered in place. Observe the tab on the FET to correctly orientate it.

Clean the board with an ordinary pencil eraser before soldering.

Tuning is very easy - Tune C1 and C2 for maximum signal into your receiver while listening to a very weak signal.

## PARTS LIST

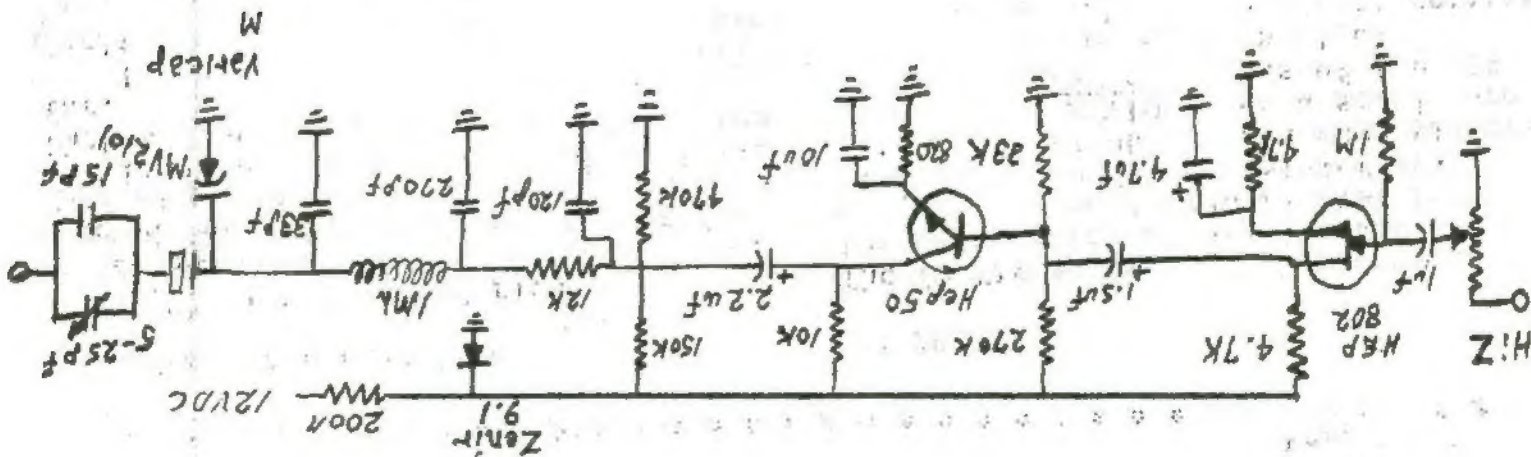
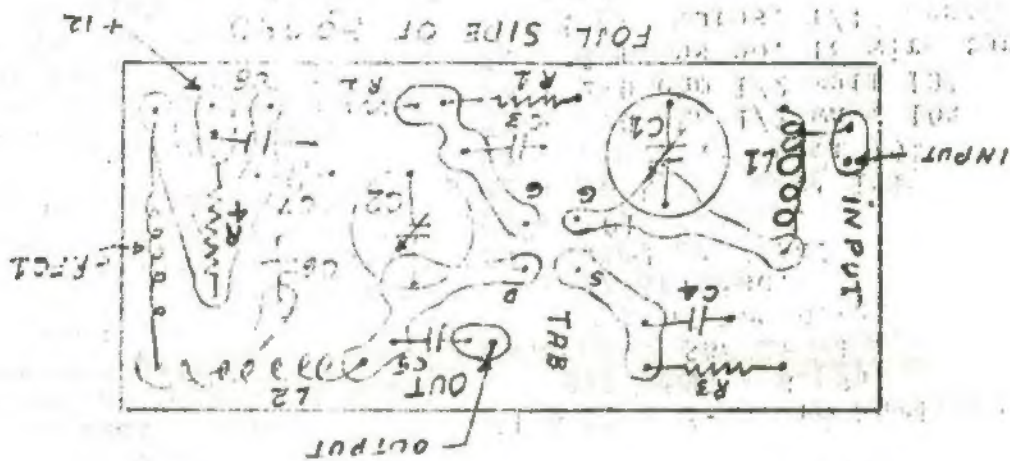
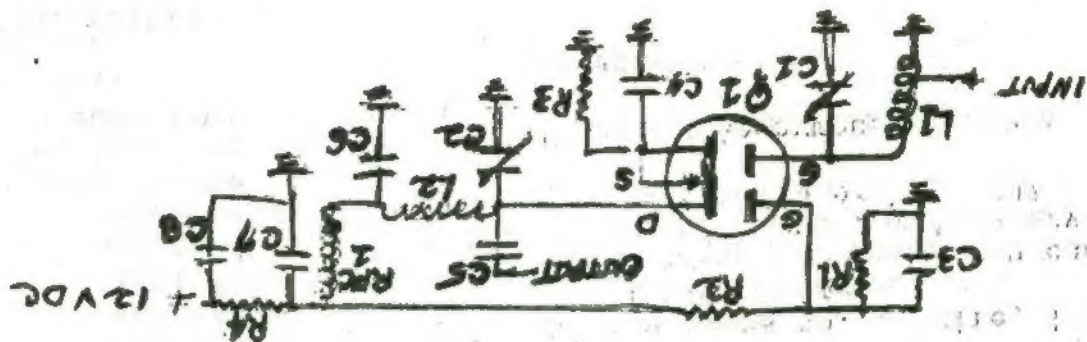
- C1 & C2 - 3-12 NPO Variable (Erie 557.000A - 3-12)
- C3 & C4 - 500 pf Disc.
- C5 - 3.3 pf NPO Disc.
- C6 - 27 pf Disc.
- C7 - .001 pf Disc.
- C8 - .01 pf Disc.
- R1 - 33 k 1/2 watt 10%
- R2 - 100 k 1/2 watt 10%
- R3 - 270 ohm 1/2 watt 10%
- R4 - 270 ohm 1/2 watt 10%
- L1 - 5 turns no. 18 wire tapped at 1-1/2 turns, 1/4" inside diameter
- L2 - 6 turns no. 18 wire, 1/4" inside diameter
- RFC 1 - any old choke you can pick up of about 1 millihenry
- Q1 - RCA 40673 or MFE 3007

Courtesy Anonymous Engineer

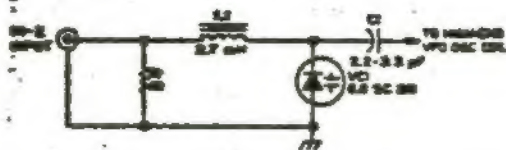
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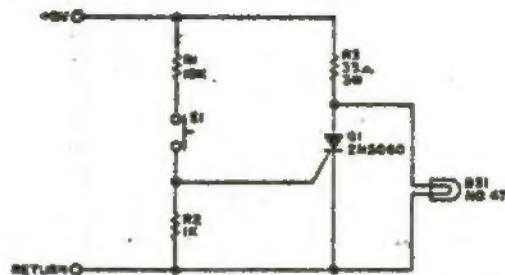
Lowest known water



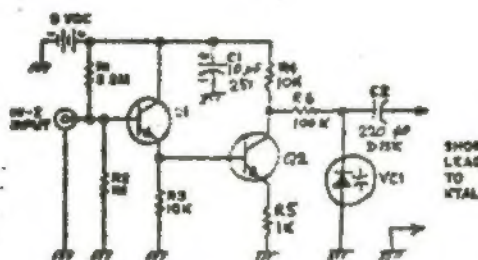




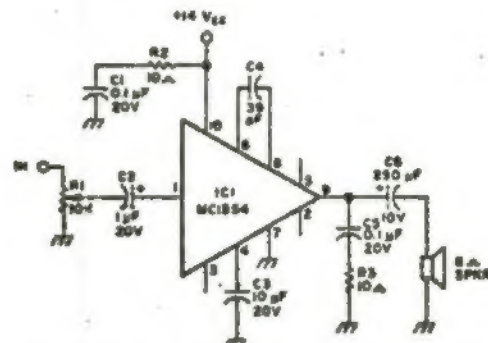
This varactor modulator will put your vfo-operated AM transmitter on FM in ten minutes. Assemble it on a standard three-terminal phenolic tiestrip and tack it into a corner of your chassis. Both this modification and the one below for crystal controlled rigs should be driven with a high output, high impedance crystal or ceramic mike.



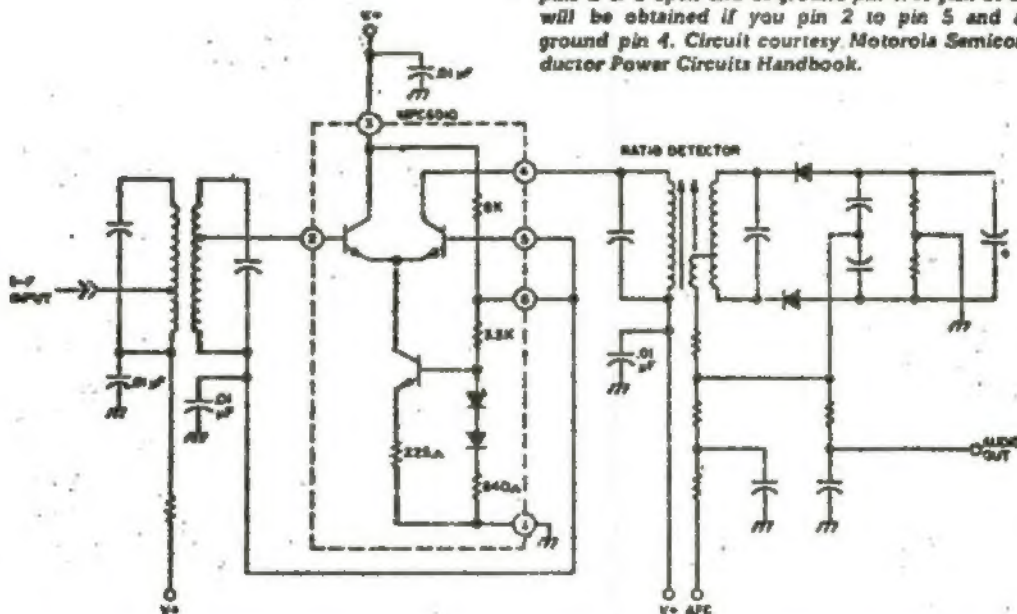
Interrupted-Power Indicator. Circuit courtesy Motorola Semiconductor Power Circuits Manual.



Use this device to put your crystal-controlled AM rig on FM. Both this schematic and the one above are from the 73 Inc. book, The Best of FM, reprints from the now defunct FM Magazine.



One watt audio amplifier using one IC. For a gain of 10 leave pins 2 & 4 open and ac ground pin 5 with the 10  $\mu$ F capacitor. For a gain of 18 leave pins 2 & 5 open and ac ground pin 4. A gain of 36 will be obtained if you pin 2 to pin 5 and ac ground pin 4. Circuit courtesy Motorola Semiconductor Power Circuits Handbook.



10.7 MHz limiting amplifier, using the Motorola MFC6010, a monolithic silicon IC especially designed for 10.7 MHz i-f applications. Typical application schematic courtesy of Motorola Functional Circuits product bulletin.



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ANCHORAGE AMATEUR RADIO CLUB

Listing in advertising section (classifieds)

NAME \_\_\_\_\_ CALL \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_ ZIP \_\_\_\_\_

I am a paid-up club member Yes ☐ No ☐

List items for sale/trade below. Be sure to include specific data and price as you wish ad to read.

Your ad will appear in just one issue of the club paper unless you specify otherwise.

Use this form for SUGGESTIONS or for information you would like in the Club paper. (ie: who has articles written, special projects of interest to others, or miscellaneous gossip, etc.)

Date \_\_\_\_\_ I am a paid-up club member Yes ☐ No ☐

Bring this to club meeting or mail to:

Anchorage Amateur Radio Club  
Post Office Box 1987  
Anchorage, Alaska 99501

or

Peggy Wolfington  
9124 Gloralee  
Anchorage, Alaska 99502



From:  
Anchorage Amateur Radio Club  
Post Office Box 1987  
Anchorage, Alaska 99501

THIRD CLASS MAIL

TO:

Jim & Elizabeth Tvrdy  
P. O. Box 4-2161  
Anchorage, Alaska  
99509

